

EPA Registration # 82415-2

Volume 2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D.C., 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

CERTIFIED MAIL

AUG 20 2009

Fuji Chemical Industries, LTD
Delta Analytical Corporation
12510 Prosperity Drive, Ste 160
Silver Spring, MD 20904

Subject: Inquiry Into the Possible Presence of Silver Measuring Between 1 and approximately 100 Nanometers in Registered, Silver-Based Pesticide Products

Dear Sir/Madam:

The United States Environmental Protection Agency (EPA) understands that some registered silver-based pesticide products may contain silver in a form that is measurable in nanometers. For purposes of this particular letter and request, EPA is specifically interested in determining if your silver-based pesticide product contains any amount of silver in any form having a dimension that measures between 1 and approximately 100 nanometers [hereinafter referred to as "nanosilver"]. Please be advised that the specified size range is subject to change in the future as new information becomes available. Accordingly, the Agency reserves the right to revisit and change the specified size range if necessary.

Your company has the following currently registered silver product(s):

Registration Number	Registration Name
82415-1	BACTEKILLER AC
82415-2	BACTEKILLER AZ
82415-8	BACTEKILLER G

The Agency is requesting the following information from the product(s) listed above:

- A statement as to whether (or not) your registered, silver-based pesticide product(s) contain(s) any amount of nanosilver.
- If your product(s) does/do contain nanosilver, any existing information not previously provided to the Agency that characterizes the size and size distribution of such silver as measured in nanometers, as well as any information not previously provided to the Agency that describes the manufacturing process used to produce the silver in the size range specified above.
- If your product(s) is/are to be used for an end-use formulation that contain(s) a composite (the active ingredient comprised of nanosilver, plus a carrier [e.g., silica or sulfur], that

forms a matrix complex), any existing information not previously provided to the Agency that characterizes the size and size distribution of the composite.

- If your product(s) does/do contain nanosilver, any existing information not previously provided to the Agency that addresses the effects of exposure to the nanosilver on humans or nontarget species, and/or on the levels of potential human and environmental exposure.

Please note that it is EPA's position that the information requested above is reportable under FIFRA section 6(a)(2), which requires the reporting of any factual information regarding unreasonable adverse effects on the environment. As codified in EPA's regulations setting forth the reporting requirements for risk/benefit information under section 6(a)(2), registrants are required to submit information:

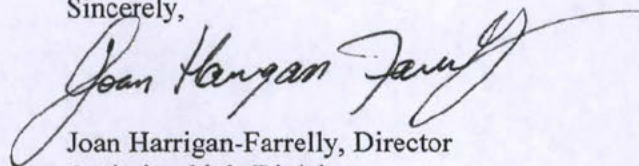
"if the registrant knows, or reasonably should know, that if the information should prove to be correct, EPA might regard the information alone or in conjunction with other information about the pesticide as raising concerns about the continued registration of a product or about the appropriate terms and conditions of registration of a product."

40 CFR §159.195(a).

In accordance with your FIFRA section 6(a)(2) obligation, therefore, EPA seeks receipt of the information set forth above, to the extent you have such information, within 30 days from the date of receipt of this letter. Please note that a failure to comply with the requirements of FIFRA section 6(a)(2) is considered a violation of FIFRA sections 12(a)(2)(B)(ii) and 12(a)(2)(N), and could result in actions for civil penalties and/or criminal penalties under FIFRA section 14.

If you have any questions concerning this letter, please contact Marshall Swindell at (703) 308-6341 or Demson Fuller at (703) 308-8062.

Sincerely,



Joan Harrigan-Farrelly, Director
Antimicrobials Division
Office of Pesticide Programs

Material to be added to a Mini-Jacket (in the case where an e-Jacket exists)

Reg. No. 82415-2

Send to SIG: check box ☒

This material is:

€ New stamped-accepted label

€ New CSF

€/ Notification

€ Final Printed Label

€ Other: _____

Instructions: Attach this notice on top of the material. It must be clipped all together and there should be **NO STAPLES** in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: Martha Terry

Phone: 703-308-6217 Division: AD

Date: 6/29/06

DECISION PKG. NO. 366455

SUBM. DUE DATE 4/23/06

SUBMISSION BAR CODE # 792685

REVIEWER MT

CODING FORM FOR APPLICATIONS FOR REGISTRATION/AMENDMENTS

FILE SYMBOL/REG NO. 82415-2 PM 33 ACTION CODE 33

DESCRIPTOR Notification FOPA ☒ NFOPA

☐ CHILD RESISTANT PACKAGING: ☐ REQUIRED ☐ NOT REQUIRED

REGISTRATION TYPE: ☐ CONDITIONAL ☐ UNCONDITIONAL ☐ RESTRICTED USE

DATE ON APPLICATION

EPA RECEIVE DATE

PM RECEIVE DATE

03/22/06

03/24/06

03/29/06

METHOD OF SUPPORT

FORMULATORS EXEMPTION

☐ CITE-ALL ☐ SELECTIVE
☐ NOT SUBMITTED ☐ N/A

☐ SUBMITTED ☐ NOT SUBMITTED
☐ N/A

REVIEW(S) REQUESTED

DATA
PACK #

DATE
SENT

DUE
DATE

DATE
RETURNED

CHEMISTRY ☐ ☐ ☐ ☐

EFFICACY ☐ ☐ ☐ ☐

ACUTE TOX. ☐ ☐ ☐ ☐

RASSE TOX. ☐ ☐ ☐ ☐

ENVIRON. FATE ☐ ☐ ☐ ☐

FISH/WILDLIFE ☐ ☐ ☐ ☐

OTHER: ☐ ☐ ☐ ☐

STATUS ☐

RESPONSE CODE

1155

RESPONSE DATE

APR 11 2006

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 11 2006

Fuji Chemical Industries, Ltd
15-27 Edobori-1-Chrome, Nishi-Ku
Osaka 550-0002, Japan

AGENT: Ciba Specialty Chemicals
4090 Premier Drive
High Point, N. C. 27265

Attention: Tom Barber

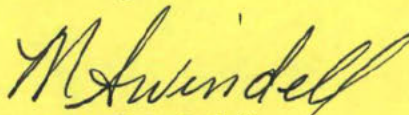
Subject: Bactekiller AZ
EPA Registration No. 82415-2
Notification Dated March 22, 2006

This will acknowledge receipt of your notification to correct a typographical error in the ingredients statement, submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Ciba



March 22, 2006

via Federal Express

US Environmental Protection Agency
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
Room 266A, Crystal Mall 2
1801 South Bell Street
Arlington, Virginia 22202-4501

Attention: Mr. Marshall Swindell (PM33)

Re: Bactekiller® AZ, EPA Reg. No. 82415-2

Dear Mr. Swindell:

On behalf of our client, Fuji Chemical Industries, Ltd., enclosed please find a Notification in accordance with PR 98-10 to correct a typographical error in the ingredients statement for the level of Zinc and Other Ingredients. The current CSF for this product is correct and there are no other changes; this is strictly a typographical error correction to the label.

Please note that this product was officially transferred to Fuji Chemical Industries, Ltd. from Kanebo Ltd. (old EPA Reg. No. 59824-2); the new EPA Reg. No. 82415-2 was assigned on September 12, 2005. The typographical error subject of this notification was made by Kanebo during their last label amendment to comply with the precautionary statements according to PR 2001-1.

Enclosed with this cover letter are the following documents:

- Application Form 8570-1
- Corrected label – 1 copy (changes highlighted)
- Authorized agent letter allowing Ciba Specialty Chemicals to represent Fuji Chemical Industries, Ltd.

Should you have any questions or wish further information, do not hesitate to contact me directly at (336) 801-2603.

Respectfully,

Tom Barber
Authorized Agent for Fuji Chemical Industries, Ltd.

4090 Premier Drive
High Point, NC 27265

Tel. 336-801-2603
Fax 336-801-2056





United States
Environmental Protection Agency
Washington, DC 20460

Registration

Amendment

☒ Other

OPP Identifier Number

Application for Pesticide – Section I

1. Company/Product Number 82415-2	2. EPA Product Manager Mr. Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bactekiller AZ	PM # 33	
5. Name and Address of Applicant (Include ZIP Code) Fuji Chemical Industries, Ltd. 15-27, Edobori-1-Chrome, Nishi-Ku Osaka 550-0002, Japan <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment – Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification – Explain below	<input type="checkbox"/> Other – Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
Typographical correction to the Ingredients Statement per PR 98-10

This notification is consistent with the provisions of PR 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR 98-10 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section III

1. Material This Product Will be Packaged in:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	
*Certification must be submitted				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	<input type="checkbox"/> Paper	
				<input checked="" type="checkbox"/> Other (Specify) <u>One 10 Kg aluminum bag in a cardboard box</u>	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 10 Kg.		5. Location of label directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Label and technical bulletin	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____			
		<input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section IV

1. Contact Person (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Thomas Barber		Title Authorized Agent for Fuji Chemical Industries, Ltd.		Telephone No. (Include Area Code) (336) 801-2603	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law					6. Date Application Received (Stamped)
2. Signature 		3. Title Authorized Agent for Fuji Chemical Industries, Ltd.			
4. Typed Name Thomas Barber		5. Date March 22, 2006			

Fuji Chemical Industries, Ltd.

Alte Building Higobashi

15-27, Edobori 1-Chome, Nishi-Ku, Osaka 550-0002, Japan

Phone: +81(6)6444-3928 Fax: +81(6)6444-3916

March 22, 2006

Mr. Marshall Swindell, PM-33

Office of Pesticide Programs (APPL)

Registration Division (7504C)

Environmental Protection Agency (EPA)

401 M Street, SW

Washington, DC 20460-0001

SUBJECT: Fuji Chemical Industries, Ltd. Zeolite Product Registration

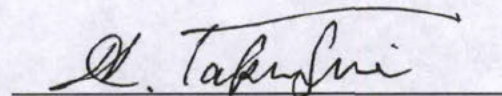
Dear Mr. Swindell:

Fuji Chemical Industries, Ltd. ("Fuji") is designating Ciba® Expert Services,

Ciba Specialty Corporation, 540 White Plains Road Tarrytown, New York 10591
as our agent in the submittal of their Bactekiller line of Zeolite products for EPA
and state registrations.

Ciba® Expert Services has authority to act as our agent regarding these
registrations.

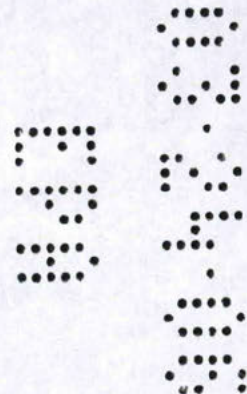
Sincerely,



Hajime Takanashi

Managing Director

Fuji Chemical Industries, Ltd.





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide – Section I

1. Company/Product Number 82415-2	2. EPA Product Manager Mr. Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bactekiller AZ	PM # 33	
5. Name and Address of Applicant (Include ZIP Code) Fuji Chemical Industries, Ltd. 15-27, Edobori-1-Chrome, Nishi-Ku Osaka 550-0002, Japan <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment – Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification – Explain below	<input type="checkbox"/> Other – Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Typographical correction to the Ingredients Statement per PR 98-10

This notification is consistent with the provisions of PR 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR 98-10 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

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*Certification must be submitted				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input checked="" type="checkbox"/> Other (Specify) <u>One 10 Kg aluminum bag in a cardboard box</u>	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 10 Kg.		5. Location of label directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Label and technical bulletin	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section IV

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Name Thomas Barber		Title Authorized Agent for Fuji Chemical Industries, Ltd.		Telephone No. (Include Area Code) (336) 801-2603	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law					6. Date Application Received (Stamped)
2. Signature 		3. Title Authorized Agent for Fuji Chemical Industries, Ltd.			
4. Typed Name Thomas Barber		5. Date March 22, 2006			

BACTEKILLER® AZ

Silver-Zinc Zeolite

An antimicrobial powder for commercial and industrial use designed to be incorporated into various materials during varying stages of the manufacturing process to preserve the integrity of the materials.
For more details of the various materials refer to the Technical Bulletin for uses of Bactekiller® AZ.

Active ingredient:

Silver (as elemental) 3.5%
Zinc (as elemental) 6.5%
Inert ingredient: 90.0%
Total 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Net Weight:
Lot No.:

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

See Technical Bulletin for more detailed use information

BACTEKILLER® AZ is a silver zinc zeolite powder designed to be incorporated into various materials at various stages of their manufacturing process to impart antimicrobial properties to the manufactured materials. The powder can be incorporated into the materials as an integral part of the finished products throughout their entire thickness or as a film over the surfaces of the manufactured materials, depending on the particular method of manufacture of the finished materials and needs of the manufacturer.

BACTEKILLER® AZ may be incorporated into the following materials at specified Maximum Inhibitory Concentrations (MIC) on a dry weight of finished products.

Application	MIC
Plastic Film: (non-food use only and no water pipes) polypropylene, polyvinyl chloride, polyacetate, and polyester	1.50%
Paints: (water base and solvent base)	1.50%
Paper coating: (non-food packaging paper, no food contact) (not for paper production use)	1.50%
Adhesive: (non food contact) plywood adhesives	2.00%
Synthetic Fibers: polyester, nylon, polypropylene, Acrylic, and rayon	1.50%
Pigments: dyestuffs and inks	1.00%
Textile Finishing and Manufacturing	0.75%

STORAGE AND DISPOSAL

Storage and Disposal: Do not store in areas accessible to children. Do not store in place where food or feed may come in contact with the product. Keep away from direct sunlight. Unused material should be disposed of on site or an approved waste disposal facility.

Container Disposal: Empty container thoroughly and rinse with water. Dispose in regular trash collection.

FUJI CHEMICAL INDUSTRIES, LTD.
15-27, EDOBORI 1-CHOME NISHI-KU,
OSAKA 550-0002, JAPAN

BACTEKILLER® is a trademark of Fuji Chemical Industries, Ltd.
EPA Registration No. 82415-2

**PRECAUTIONARY STATEMENTS
KEEP OUT OF REACH OF CHILDREN
CAUTION**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution: May be harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid contamination of cooking utensils and food preparation surfaces.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Keep out of any natural body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge unused material into natural bodies of water unless in accordance with a NPDES permit.

FIRST AID:

Have the product label or container with you when calling a poison control center or doctor, or going for treatment.

IF SWALLOWED

- ◆ Call a poison control center or doctor immediately for treatment advice.
- ◆ Have person to sip a glass of water if able to swallow.
- ◆ Do not induce vomiting unless told to do so by a person control center or doctor.
- ◆ Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING

- ◆ Take off contaminated clothing.
- ◆ Rinse skin immediately with plenty of water for 15-20 minutes.
- ◆ Call a poison control center or doctor immediately for treatment advice.

IF INHALED

- ◆ Move person to fresh air.
- ◆ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- ◆ Call a poison control center or doctor immediately for treatment advice.

IF IN EYES

- ◆ Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- ◆ Call a poison control center or doctor immediately for treatment advice.

In case of emergency, call the National Pesticide Telecommunications Network at 1-800-858-7378. Phone: Fuji Chemical Industries, Ltd. (81)-6-6444-3928, Osaka, Japan

Material to be added to a Mini-Jacket
(in the case where an e-Jacket exists)

Reg. No. 82415-2

Send to SIG: check box ☐

This material is:

- ☐ New stamped-accepted label
- ☐ New CSF
- ☐ Notification
- ☒ Final Printed Label
- ☐ Other: _____

Instructions: Attach this notice on top of the material. It must be clipped all together and there should be NO STAPLES in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: R. Leary

Phone: 308-6237 Division: AD

Date: 8/31/06

DECISION PKG. NO. 368828

SUBM. DUE DATE 9/24/06

SUBMISSION BAR CODE # 796173

REVIEWER (signature)

CODING FORM FOR APPLICATIONS FOR REGISTRATION/AMENDMENTS

FILE SYMBOL/REG NO. P2415-2 PM 33 ACTION CODE 302

DESCRIPTOR _____ **FQPA** **NFQPA**

☐ CHILD RESISTANT PACKAGING: ☐ REQUIRED ☐ NOT REQUIRED

REGISTRATION TYPE: ☐ CONDITIONAL ☐ UNCONDITIONAL ☐ RESTRICTED USE

DATE ON APPLICATION

EPA RECEIVE DATE

PM RECEIVE DATE

06/21/06

06/26/06

06/28/06

METHOD OF SUPPORT

FORMULATORS EXEMPTION

☐ CITE-ALL ☐ SELECTIVE
☐ NOT SUBMITTED ☐ N/A

☐ SUBMITTED ☐ NOT SUBMITTED
☐ N/A

REVIEW(S) REQUESTED

DATA
PACK #

DATE
SENT

DUE
DATE

DATE
RETURNED

CHEMISTRY _____ [] [] [] []

EFFICACY _____ [] [] [] []

ACUTE TOX. _____ [] [] [] []

RASSB TOX. _____ [] [] [] []

ENVIRON. FATE _____ [] [] [] []

FISH/WILDLIFE _____ [] [] [] []

OTHER: _____ [] [] [] []

STATUS _____

RESPONSE CODE 1300

RESPONSE DATE 8/31/06

X

 KAREN
MARTHA
PORTIA

82415-2

X
X PLEASE MAKE AN ACTION CODE SHEET

PLEASE PROCESS THIS SUBMISSION: CODE 302 DUE 9/24/06

BRING THIS SUBMISSION TO THE NEXT PRIA MTG

RETURN THE DATA THAT FAILED 86-5 FORMATTING

PLEASE UPDATE YOUR PRIA NOTEBOOK TO REFLECT THIS ACTION

PLEASE TRANSFER THIS FILE FROM MY NAME TO YOURS

PLEASE ROUTE THIS TO THE APPROPRIATE SCI GROUP ASAP

PLEASE MAKE THE CORRECTIONS NOTED IN THE ATTACHMENT

CLOSE OPPIN RECORD WITH THE RESPONSE CODE/DATE.

PLACE ALL PAPERWORK IN ORDER AND PLACE IN FILE

PLACE ALL PAPERWORK IN ORDER AND ADD TO THE ELECTRONIC FILE

PLEASE MAIL THE LETTER

THIS IS A PRIA. PRINT THE SHEET SHOWING THE FEE WAS PAID/WAIVED,
THEN DATE THE SHEET AND SIGN IT. THIS SHEET GOES INTO THE FILE JACKET.

ADD THE SCIENCE REVIEWS TO THE LETTER BEING MAILED.

SEND TO SIG

PLEASE FAX TO THE COMPANY REPRESENTATIVE/AGENT

ADD COPY OF LETTER AND LABEL TO THE READER'S FILE

PLEASE COPY YOUR LETTER TO THE AD STORAGE AREA

PLEASE RETURN THIS SHEET WHEN DONE

PLEASE COMPLETE BY _____

DATE COMPLETED _____

7/5/2006 18:03
M.SWINDELL

Ciba



June 21, 2006

Mr. Marshall Swindell (PM33)
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U. D. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, Virginia 22202-4501

RE: Bactekiller AZ
EPA Registration No. 82415-2
PR Notice 98-10

Dear Mr. Swindell:

In reference to your letter dated April 11, 2006 and on behalf of our client, Fuji Chemical Industries, Ltd., enclosed is the amended and approved FIFRA label for reconciliation for the product Bactekiller AZ. Please place in our file.

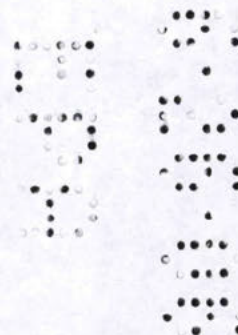
Should you have any questions or wish further information, please contact me directly at (336) 801-2600.

Your assistance is greatly appreciated.

Respectfully,

Joyce Dunn
Regulatory Services Specialist

Enclosure



BACTEKILLER® AZ

Silver-Zinc Zeolite

An antimicrobial powder for commercial and industrial use designed to be incorporated into various materials during varying stages of the manufacturing process to preserve the integrity of the materials.
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Active ingredient:
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Zinc (as elemental) 6.5%
Inert ingredient: 90.0%
Total 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Net Weight:
Lot No.:

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It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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Adhesive: (non food contact) plywood adhesives	2.00%
Synthetic Fibers: polyester, nylon, polypropylene, Acrylic, and rayon	1.50%
Pigments: dyestuffs and inks	1.00%
Textile Finishing and Manufacturing	0.75%

STORAGE AND DISPOSAL

Storage and Disposal: Do not store in areas accessible to children. Do not store in place where food or feed may come in contact with the product. Keep away from direct sunlight. Unused material should be disposed of on site or an approved waste disposal facility.
Container Disposal: Empty container thoroughly and rinse with water. Dispose in regular trash collection.

BACTEKILLER® is a trademark of Fuji Chemical Industries, Ltd.
EPA Registration No. 82415-2

FUJI CHEMICAL INDUSTRIES, LTD.
15-27, EDOBORI 1-CHOME NISHI-KU,
OSAKA 550-0002, JAPAN

PRECAUTIONARY STATEMENTS
KEEP OUT OF REACH OF CHILDREN
CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Caution: May be harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid contamination of cooking utensils and food preparation surfaces.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish. Keep out of any natural body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge unused material into natural bodies of water unless in accordance with a NPDES permit.

FIRST AID:
Have the product label or container with you when calling a poison control center or doctor, or going for treatment.

IF SWALLOWED

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- ◆ Have person to sip a glass of water if able to swallow.
- ◆ Do not induce vomiting unless told to do so by a person control center or doctor.
- ◆ Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING

- ◆ Take off contaminated clothing.
- ◆ Rinse skin immediately with plenty of water for 15-20 minutes.
- ◆ Call a poison control center or doctor immediately for treatment advice.

IF INHALED

- ◆ Move person to fresh air.
- ◆ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- ◆ Call a poison control center or doctor immediately for treatment advice.

IF IN EYES

- ◆ Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- ◆ Call a poison control center or doctor immediately for treatment advice.

In case of emergency, call the National Pesticide Telecommunications Network at 1-800-858-7378.
Phone: Fuji Chemical Industries, Ltd. (81)-6-6444-3928, Osaka, Japan

